Duke Energy® Carolinas

DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
EC03T / PO Box 1006
Charlotte, NC 28201-1006

CHARLES A. CASTLE
Senior Counsel
704.382.4499 OFFICE
704.382.4494 FAX
alex.castle@duke-energy.com

August 2, 2010

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of June 2010:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.	Fuel Expenses:	June 2010
1	Fuel and fuel-related costs	$ 190,819,528
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	4,648,544
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 186,170,984
	MWH sales:	
4	Total system sales.	7,253,590
5	Less intersystem sales	90,379
6	Total sales less intersystem sales	7,163,211
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	2.5990
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	1.9652
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	4,069,609
10	Biomass	1,303
11	Fuel Oil	(194)
12	Natural Gas	109,275
13	Total fossil	4,179,993
14	Nuclear 100%	4,938,554
15	Hydro - Conventional	122,782
16	Hydro - Pumped storage	(87,426)
17	Total hydro	35,356
18	Solar Distributed Generation	682
19	Total MWH generation	9,154,585
20	Less joint owners' portion	1,314,103
21	Adjusted total MWH generation	7,840,482

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 4,631,681
Fuel in loss compensation	16,863
Total fuel recovered from intersystem sales	$ 4,648,544

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Fuel and fuel-related costs:	June 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 146,956,366
0501222, 0501223 biomass/test fuel consumed (@ avoided fuel cost)	63,974
0501310 fuel oil consumed - steam	323,785
0501330 fuel oil light-off - steam	1,049,099
Total Steam Generation - Account 501	148,393,224
Environmental Costs	
0509000, 0557451 emission allowance expense	57,359
0502020, 030, 040 reagents expense	2,670,985
Emission allowance gains	(2,927,000)
Total Environmental Costs	(198,656)
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	19,819,228
0518600 nuclear fuel disposal cost	4,630,023
Total Nuclear Generation - 100%	24,449,250
Less joint owners' portion	6,276,461
Total Nuclear Generation - Account 518	18,172,789
Other Generation - FERC Account 547	
0547100 natural gas consumed	6,141,748
0547200 fuel oil consumed - CT	7,803
Total Other Generation - Account 547	6,149,552
Solar Distributed Generation @ Avoided Fuel Cost	33,495
Total fossil and nuclear fuel expenses included in base fuel component	172,550,404
Fuel related component of purchased and interchange power per Schedule 3	13,233,955
Fuel related component of purchased power (economic accrual)	5,035,169
Total fuel and fuel-related costs	$ 190,819,528

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Other fuel expenses not included in fuel and fuel-related costs:	June 2010
Net proceeds from sale of by-products	$ 29,592
0501223 biomass avoided fuel cost excess	15,206
0518610 spent fuel canisters-accrual	219,874
0518620 canister design expense	18,352
0518700 fuel cycle study costs	(29,197)
Non-fuel component of purchased and interchanged power	6,965,178
Total other fuel expenses not included in fuel and fuel-related costs:	$ 7,219,005
Less Solar Distributed Generation @ Avoided Fuel Cost	(33,495)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 7,185,510
Total FERC Account 501 - Total Steam Generation	148,408,430
Total FERC Account 518 - Total Nuclear Generation	18,381,818
Total FERC Account 547 - Other Generation	6,149,552
Total Reagents Expense	2,670,985
Total Gain/Loss from Sale of By-Products	29,592
Total Emission Allowance Expense	57,359
Total Gain/Loss from Sale of Emission Allowances	(2,927,000)
Total Purchased and Interchanged Power Expenses	25,234,302
Total Fuel, Fuel Related and Purchased Power Expenses	$ 198,005,037

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

JUNE 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	47,900	-	-	1,250	29,219	18,681
Blue Ridge Electric Membership Corp.	2,412,341	86	1,053,960	51,660	828,613	529,768
Calpine Power Services Marketing	4,774	-	-	141	2,912	1,862
Cargill Power Marketers LLC	23,586	-	-	733	14,387	9,199
City of Kings Mtn	8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.	1,120	-	-	40	683	437
Constellation	348,315	-	-	7,566	212,472	135,843
Haywood Electric	487,698	20	195,444	9,212	178,275	113,979
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	7,144	-	-	-	4,358	2,786
NCEMC load following	21,626	-	-	1,153	10,464	11,162
NCMPA #1	2,352,152	-	-	60,763	1,142,554	1,209,598
Piedmont Electric Membership Corp.	1,309,585	42	555,709	26,317	459,865	294,011
PJM Interconnection LLC	6,688,093	-	-	185,471	4,079,736	2,608,357
Progress Energy Carolinas	-	-	-	-	9,227	(9,227)
Rutherford Electric Membership Corp.	(40,444)	-	-	8	(24,671)	(15,773)
SC Electric & Gas	85,150	-	-	1,625	51,942	33,208
Southern	284,300	-	-	8,170	173,423	110,877
SPCO - Rowan	4,363,268	456	1,359,984	52,833	2,881,119	122,165
The Energy Authority	503,671	-	-	12,904	307,239	196,432
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
TVA	121,700	-	-	3,100	74,237	47,463
Generation Imbalance	262,148	-	-	6,235	60,345	201,803
Energy Imbalance - Purchases	259,283	-	-	2,767	158,162	101,121
Energy Imbalance - Sales	(124,100)	-	-	-	(107,248)	(16,852)
	$ 19,468,293	**621**	**$ 3,214,080**	**431,948**	**$ 10,547,313**	**$ 5,706,900**

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
203 Neotrantor LLC	69	-	-	1	-	69
Advantage Investment Group, LLC	5,347	-	-	92	-	5,347
AKS Real Estate Holdings LLC	16	-	-	-	-	16
Alamance Hydro, LLC	3,552	-	-	69	-	3,552
Amelia M Collins	29	-	-	1	-	29
Andrews Truss, Inc.	66	-	-	1	-	66
Anna L Reilly	37	-	-	1	-	37
Aquenergy Corp.	122,063	-	-	2,267	-	122,063
Barbara Ann Evans	4,642	-	-	135	-	4,642
Berjouhi Keshguerian	29	-	-	1	-	29
Bernd Schneitler	71	-	-	1	-	71
Biomerieux, Inc	972	-	-	17	-	972
Black Hawk Inc	72	-	-	1	-	72
Branch, James David Dr	79	-	-	1	-	79
Bruce Marotta	32	-	-	1	-	32
Byron P Matthews	18	-	-	-	-	18
Catawba County	42,767	-	-	1,368	-	42,767
Chapel Hill Tire Co	128	-	-	2	-	128
Cherokee County	4,020,974	-	1,214,228	50,723	1,998,365	808,381
Clark H Mizell	46	-	-	1	-	46
Cliffside Mills LLC	11,000	-	-	194	-	11,000
Converse Energy	20,675	-	-	381	-	20,675
Daniel L Kerns	199	-	-	3	-	199
Dave K Birkhead	10	-	-	-	-	10
David A Ringenburg	30	-	-	1	-	30
David E. Shi	25	-	-	-	-	25
David H Newman	37	-	-	1	-	37
David M Thomas	46	-	-	1	-	46
David W Walters	33	-	-	1	-	33
David Wiener	17	-	-	-	-	17

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Decision Support	254	-	-	4	-	254
Delta Products Corp.	220	-	-	4	-	220
Diann M. Barbacci	17	-	-	-	-	17
Earnhardt-Childress Racing Technologies, LLC	328	-	-	5	-	328
Edward W Witkin	16	-	-	-	-	16
Fogleman Construction, Inc	22	-	-	-	-	22
Frances L. Thomson	36	-	-	1	-	36
Gail D Schmidt	31	-	-	1	-	31
Gas Recovery Systems, LLC	143,570	-	-	2,177	106,881	36,689
George Franklin Fralick	18	-	-	-	-	18
Gerald Priebe	50	-	-	1	-	50
Gerald W. Meisner	41	-	-	1	-	41
Greenville Gas Producer, LLC	76,933	-	-	1,598	76,933	-
Gwenyth T Reid	33	-	-	1	-	33
H Malcolm Hardy	22	-	-	-	-	22
Haneline Power, LLC	6,347	-	-	108	-	6,347
Haw River Hydro Co	16,018	-	-	507	-	16,018
Hayden-Harman Foundation	14	-	-	-	-	14
Hendrik J Rodenburg	25	-	-	1	-	25
Henry Jay Becker	41	-	-	1	-	41
HMS Holdings Limited Partnership	223	-	-	4	-	223
Holzworth Holdings	7	-	-	-	-	7
Innovative Solar Solutions	27	-	-	1	-	27
Irvine River Company	21,705	-	-	369	-	21,705
Jafasa Farms	103	-	-	2	-	103
James B Sherman	24	-	-	-	-	24
James Richard Trevathan	18	-	-	-	-	18
Jeffery Lynn Pardue	32	-	-	1	-	32
Jerome Levit	10	-	-	-	-	10
Jody Fine	15	-	-	-	-	15
Joel L. Hager	27	-	-	1	-	27
John B Robbins	72	-	-	1	-	72
John H. Diliberti	78	-	-	1	-	78
Keith Adam Smith	15	-	-	-	-	15
KMBA, LLC	73	-	-	1	-	73
Lamar Bailes	35	-	-	1	-	35
Laura J Ballance	52	-	-	1	-	52
Leon's Beauty School, Inc	302	-	-	5	-	302
Linda Alexander	19	-	-	-	-	19
Marilyn M Norfolk	24	-	-	-	-	24
Mark A Powers	12	-	-	-	-	12
Mary K Nicholson	25	-	-	1	-	25
Matthew T. Ewers	16	-	-	-	-	16
Mayo Hydro	38,293	-	-	789	-	38,293
Michael G Hitchcock	64	-	-	1	-	64
Mill Shoals Hydro	21,732	-	-	694	-	21,732
MP Durham, LLC	113,222	-	-	1,952	95,848	17,374
Mr Lawrence B Miller	28	-	-	1	-	28
Northbrook Carolina Hydro	208,383	-	-	3,789	-	208,383
Optima Engineering	62	-	-	1	-	62
Pacifica HOA	31	-	-	1	-	31
Paul C Kuo	24	-	-	-	-	24
Paul G. Keller	27	-	-	1	-	27
Pelzer Hydro Co.	101,493	-	-	1,861	-	101,493
Peter J Jarosak	12	-	-	-	-	12
Philip E Miner	41	-	-	1	-	41
Phillip B. Caldwell	24	-	-	-	-	24
Pickins Mill Hydro LLC	15,468	-	-	267	-	15,468
Pippin Home Designs, Inc	13	-	-	-	-	13
PRS-PK Engines, LLC	372	-	-	6	-	372
R Lawrence Ashe Jr	31	-	-	1	-	31
Rajah Y Chacko	19	-	-	-	-	19
Rajendra Morey	39	-	-	1	-	39
Ramona L Sherwood	29	-	-	-	-	29
Raylen Vineyards Inc	93	-	-	2	-	93
Rebecca G Laskody	27	-	-	1	-	27
Rebecca T Cobey	8	-	-	-	-	8

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Ron B Rozzelle	35	-	-	1	-	35
Ronald R Butters	37	-	-	1	-	37
Rousch & Yates Racing Engines, LLC	417	-	-	7	-	417
Russell Von Stein	16	-	-	-	-	16
Salem Energy Systems	35,621	-	-	662	-	35,621
Samuel B Moore	17	-	-	-	-	17
Samuel C Province	80	-	-	1	-	80
Scot Friedman	42	-	-	1	-	42
Shawn Slome	10	-	-	-	-	10
South Yadkin Power	12,101	-	-	210	-	12,101
Stanley Chamberlain	56	-	-	1	-	56
Steven Graf	39	-	-	1	-	39
Stewart A Bible	8	-	-	-	-	8
Strates Inc	45	-	-	1	-	45
Sun Capital, Inc	165	-	-	3	-	165
Sun Edison LLC	37,621	-	-	555	27,245	10,376
T.S. Designs, Inc.	70	-	-	1	-	70
The Rocket Shop, LLC	16	-	-	-	-	16
Theresa S Greene	12	-	-	-	-	12
Thomas Knox Worde	20	-	-	-	-	20
Thomas W Bates	32	-	-	1	-	32
Timberlyne	147	-	-	2	-	147
Town of Chapel Hill	16	-	-	-	-	16
Town of Lake Lure	32,394	-	-	876	-	32,394
W. Jefferson Holt	73	-	-	1	-	73
Wallace & Graham PA	1,350	-	-	23	-	1,350
Walter C. McGervey	8	-	-	-	-	8
William Terry Baker	32	-	-	1	-	32
Yves Naar	6	-	-	-	-	6
	$ 5,120,052	**-**	**$ 1,214,228**	**71,782**	**$ 2,305,272**	**$ 1,600,552**
TOTAL PURCHASED POWER	**$ 24,588,345**	**621**	**$ 4,428,308**	**503,730**	**$ 12,852,585**	**$ 7,307,452**
INTERCHANGES IN						
Other Catawba Joint Owners	6,276,624	-	-	662,066	3,491,579	2,785,045
Total Interchanges In	6,276,624	-	-	662,066	3,491,579	2,785,045
INTERCHANGES OUT						
Other Catawba Joint Owners	(5,630,667)	(866)	(129,880)	(589,166)	(3,110,209)	(2,390,578)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(5,630,667)	(866)	(129,880)	(589,166)	(3,110,209)	(2,390,578)
Net Purchases and Interchange Power	**$ 25,234,302**	**(245)**	**$ 4,298,428**	**576,630**	**$ 13,233,955**	**$ 7,701,919**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

JUNE 2010

Schedule 3, SC, Sales, Month
Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 78,041	-	$ -	1,491	$ 61,045	$ 16,996
SC Electric & Gas - Emergency	13,217	-	-	217	11,366	1,851
Market Based:						
American Electric Power Services Corp.	25,250	-	-	450	21,010	4,240
Cargill-Alliant, LLC	5,412	-	-	88	4,165	1,247
CitiGroup Energy Inc	27,500	-	-	500	23,571	3,929
Cobb Electric Membership Corp	7,200	-	-	120	5,189	2,011
ConocoPhillips Company	14,347	-	-	270	11,972	2,375
Constellation Power Sources	30,775	-	-	455	23,585	7,190
MISO	174,287	-	-	3,288	197,723	(23,436)
Morgan Stanley	3,990	-	-	57	3,206	784
NCEMC (Generator/Instantaneous)	462,950	25	125,000	5,374	266,192	71,758
NCMPA #1	376,118	50	216,500	2,415	93,982	65,636
NCMPA #1 - Rockingham	646,851	50	157,500	8,550	474,764	14,587
PJM Interconnection LLC	3,825,557	-	-	54,709	2,736,421	1,089,136
Power South Coop	8,400	-	-	175	7,569	831
Progress Energy Carolinas	301,140	-	-	4,743	235,356	65,784
Southern	238,250	-	-	3,950	200,960	37,290
The Energy Authority	62,700	-	-	1,098	50,922	11,778
TVA	45,000	-	-	751	35,248	9,752
Other:						
Generation Imbalance	92,515	-	-	1,678	167,435	(74,920)
BPM Transmission	(305,199)	-	-	-	-	(305,199)
Total Intersystem Sales	**$ 6,134,301**	**125**	**$ 499,000**	**90,379**	**$ 4,631,681**	**$ 1,003,620**

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
June 2010
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	572,321,465	517,129,640	784,810,644	1,874,261,749
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	1.9606	1.9606	1.9606	1.9606
3	Billed base fuel expense	L1 * L2 /100	$11,220,935	$10,138,844	$15,386,997	$36,746,776
4	Incurred base fuel rate (¢/kWh)	Input	2.5319	2.5319	2.5319	2.5319
5	Incurred base fuel expense	L1 * L4 / 100	$14,490,607	$13,093,205	$19,870,621	$47,454,433
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	(0.5713)	(0.5713)	(0.5713)	(0.5713)
7	Base fuel over/(under) recovery	L1 * L6 / 100	**($3,269,673)**	**($2,954,362)**	**($4,483,623)**	**($10,707,657)**
	7a Prior period adjustment expense _/1	Input				$0
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0047	0.0058	0.0038	0.0046
9	Billed environmental expense	L8 * L1 / 100	$26,899	$29,994	$29,823	$86,716
10	Incurred rate by class (¢/kWh)	Input	(0.0042)	(0.0036)	(0.0022)	(0.0032)
11	Incurred environmental expense	L10 * L1 / 100	($23,771)	($18,444)	($17,447)	($59,662)
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0089	0.0094	0.0060	0.0078
13	Environmental over/(under) recovery	L9 - L11	**$50,670**	**$48,438**	**$47,270**	**$146,378**
	13a Prior period adjustment expense _/1	Input				$0
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	30.54%	27.59%	41.87%	100.00%
15	Economic purchase accrual	L15T * L14	**($402,372)**	**($363,569)**	**($551,763)**	**($1,317,704)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**($3,621,374)**	**($3,269,493)**	**($4,988,116)**	**($11,878,983)**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**($3,621,374)**	**($3,269,493)**	**($4,988,116)**	**($11,878,983)**

17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
Balance ending May 2010 _/2	58,478,587				
June	46,599,604	(3,621,374)	(3,269,493)	(4,988,116)	(11,878,983)
July					
August					
September					
October					
November					
December					
January					
February					
March					
April					
May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2010 ending balance shown is net of GRT - does not currently reflect the economic purchase adjustment for review period ended 5/31/2010.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
June 2010

Description	Allen * Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME June 2010
Cost of Fuel Received																	
Coal (F)	$16,740,811	$19,170,389	$3,355,695			$4,102,146	$1,842,483	$2,032,266		$29,030,079				$2,129,395		$78,403,265	$1,198,293,232
Biomass	-	-	-			-	-	82,072		-				-		82,072	198,191
Fuel Oil	162,297	403,759	100,036	-		223,584	-	5,531	-	251,484		-		96,568	-	1,243,260	16,489,453
Gas			372	-			350	8,696	423,741			718,565		734	4,989,291	6,141,749	13,319,776
Total	$16,903,108	$19,574,148	$3,456,103	$0		$4,325,730	$1,842,833	$2,128,565	$423,741	$29,281,564		$718,565		$2,226,697	$4,989,291	$85,870,346	1,228,300,652
Received (¢/MBTU) Avg																	
Coal	424.97	412.19	382.01			386.04	411.04	461.82		331.80				381.73		378.28	371.24
Biomass								517.54						-		517.54	438.02
Fuel Oil	1,588.66	1,576.20	1,578.60	-		1,548.36	-	-	-	1,591.98		-		1,526.04	-	1,579.06	1,514.17
Gas			-	-			-	799.26	538.11			465.34		-	499.79	498.31	426.39
Weighted Average	427.98	418.57	390.63	-		401.62	411.12	465.77	538.11	334.08		465.34		394.69	499.79	389.37	375.58
Cost of Fuel Burned($)																	
Coal (F)	$24,861,397	$52,692,480	$6,327,891			$6,535,283	$4,214,663	$6,147,070		$38,546,689				$7,630,892		$146,956,365	$1,319,645,874
Biomass	-	-	-			-	-	79,180		-				-		79,180	190,641
Fuel Oil	531,297	231,849	64,470	-		281,891	50,451	55,006	7,803	55,184		-		102,736	-	1,380,687	16,114,684
Gas			372	-			350	8,696	423,741			718,565		734	4,989,291	6,141,749	13,319,776
Nuclear					7,772,323						7,178,662		9,498,266			24,449,251	274,634,327
Total	$25,392,694	$52,924,329	$6,392,733	$0	$7,772,323	$6,817,174	$4,265,464	$6,289,952	$431,544	$38,601,873	$7,178,662	$718,565	$9,498,266	$7,734,362	$4,989,291	$179,007,232	$1,623,905,302
Burned (¢/MBTU) Avg																	
Coal	398.62	399.64	376.47			377.56	365.77	359.83		330.61				351.45		371.81	360.12
Biomass	-	-	-			-	-	515.76		-				-		515.76	479.72
Fuel Oil	1,603.38	1,586.92	1,593.82	-		1,587.49	1,688.45	1,533.48	1,152.58	1,578.04		-		1,510.38	-	1,585.19	1,487.88
Gas			-	-			-	799.26	538.11			465.34		-	499.79	498.31	426.39
Nuclear					46.98						46.56		51.94			48.66	47.47
Weighted Average	404.98	400.95	379.41	-	46.98	389.85	369.22	363.92	543.35	330.99	46.56	465.34	51.94	355.10	499.79	196.48	171.08
Generated (¢/kWh) Avg																	
Coal	4.19	3.68	4.33			3.68	4.21	4.02		3.04				3.86		3.61	3.45
Biomass	-	-	-			-	-	6.19		-				-		6.08	6.11
Fuel Oil	-	-	(B)	(B)		-	(B)	-	16.60	-		-		(B)	-	(B)	(B)
Gas			-	-			-	(B)	7.74			5.99		-	5.43	5.62	4.96
Nuclear					0.48						0.48		0.52			0.50	0.48
Weighted Average	4.28	3.69	4.38	(B)	0.48	3.84	4.26	4.08	7.82	3.04	0.48	5.99	0.52	3.91	5.43	1.96	1.70
Burned MBTU's																	
Coal	6,236,940	13,185,059	1,680,863			1,730,914	1,152,271	1,708,343		11,659,099				2,171,251		39,524,740	366,449,778
Biomass	-	-	-			-	-	15,352		-				-		15,352	39,740
Fuel Oil	33,136	14,610	4,045	-		17,757	2,988	3,587	677	3,497		-		6,802	-	87,099	1,083,065
Gas			-	-			-	1,088	78,746			154,417		-	998,270	1,232,521	3,123,837
Nuclear					16,543,127						15,417,668		18,287,436			50,248,231	578,536,662
Total	6,270,076	13,199,669	1,684,908	-	16,543,127	1,748,671	1,155,259	1,728,370	79,423	11,662,596	15,417,668	154,417	18,287,436	2,178,053	998,270	91,107,943	949,233,081
Net Generation (mWh)																	
Coal	593,255	1,433,659	146,126			177,539	100,048	152,917		1,268,239				197,826		4,069,609	38,211,618
Biomass	-	-	24			-	-	1,279		-				-		1,303	3,120
Fuel Oil	-	-	(37)	(95)		-	(35)	-	47	-		-		(74)	-	(194)	(11,597)
Gas			-	-			-	(11)	5,474			12,003		-	91,809	109,275	268,393
Nuclear					1,627,291						1,499,515		1,811,748			4,938,554	57,151,361
Total	593,255	1,433,659	146,113	(95)	1,627,291	177,539	100,013	154,185	5,521	1,268,239	1,499,515	12,003	1,811,748	197,752	91,809	9,118,547	95,622,895
Cost of Reagents Burned ($)																	
Ammonia		726,040				40,609				-						766,649	5,410,245
Limestone	231,328	448,226								698,141						1,377,695	14,235,866
Urea	228,189		9,918			265,810				22,726						526,642	4,587,019
Organic Acid	-	-				-				-						-	-
Total	459,516	1,174,265	9,918			306,419				720,867						2,670,985	24,233,130

(A) Detail amounts may not add to totals shown due to rounding.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
(D) Cost of fuel burned excludes $57,359 associated with emission allowance expense for the month and $581,411 for the twelve months ended.
(E) Twelve months ended total reflects biomass data included with Coal prior to 2010.
(F) Twelve months ended December 2009 forward reflects a change to fuel cost and associated data for coal/biomass in Sep09.
* Jun10 Allen fuel oil data reflects a physical inventory adjustment within the current month, affecting gallons consumed, MBTUs burned, and cost of inventory.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
June 2010

Description	Allen * Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME June 2010
Coal Data:														
Beginning balance	559,198	1,352,078	68,993		342,428	62,352	120,127		828,872		242,014		3,576,062	4,314,696
Tons received during period	165,585	189,104	36,311		43,954	18,067	17,807		349,882		22,680		843,390	13,120,385
Moisture adjustments (H)	(2,267)	(242)	339		4	(57)	293		(2,011)		152		(3,789)	(6,904)
Tons burned during period (B) (H)	255,908	537,459	71,180		71,667	46,670	69,318		464,555		89,700		1,606,455	14,618,968
Ending balance	466,609	1,003,482	34,462		314,719	33,693	68,909		712,188		175,146		2,809,208	2,809,208
MBTUs per ton burned	24.37	24.53	23.61		24.15	24.69	24.65		25.10		24.21		24.60	25.07
Cost of ending inventory ($/ton)	97.62	98.07	88.02		91.18	90.47	88.31		83.54		85.00		92.27	92.27
Biomass/Test Fuel Data:														
Beginning balance			381				171						552	614
Tons received during period			-				1,675						1,675	4,757
Inventory adjustments			-				(0)						(0)	(614)
Tons burned during period			-				1,622						1,622	4,152
Ending balance			381				224						605	605
Cost of ending inventory ($/ton)			28.50				48.85						36.03	36.03
Fuel Oil Data:														
Beginning balance	235,385	170,355	325,987	1,536,309	77,958	221,658	650,059	8,719,675	247,935	3,936,789	212,056	2,254,372	18,588,538	18,930,472
Gallons received during period	74,259	185,614	45,701	-	104,192	-	-	-	114,342	-	45,737	-	569,845	7,887,860
Miscellaneous usage, transfers and adjustments	(4,301)	(13,668)	(2,914)	-	-	(1,820)	(4,959)	-	(23,635)	-	(3,180)	-	(54,477)	(501,472)
Gallons burned during period	240,852	105,867	29,172	-	128,717	21,653	26,020	4,877	25,314	-	49,156	-	631,628	7,844,582
Ending balance	64,491	236,434	339,602	1,536,309	53,433	198,185	619,080	8,714,798	313,328	3,936,789	205,457	2,254,372	18,472,278	18,472,278
Cost of ending inventory ($/gal)	2.19	2.19	2.21	0.79	2.11	2.33	2.11	1.60	2.18	1.25	2.09	2.34	1.61	1.61
Gas Data: (C)														
Beginning balance														
MCF received during period			-	-		-	1,070	77,799		151,687	-	980,619	1,211,175	3,034,555
MCF burned during period			-	-		-	1,070	77,799		151,687	-	980,619	1,211,175	3,034,555
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	13,070	16,844							49,366				79,279	126,037
Tons received during period	12,455	12,579							18,069				43,103	460,739
Tons burned during period (B)	7,414	16,407							24,402				48,223	512,616
Ending balance	18,110	13,017							43,032				74,159	74,159
Cost of ending inventory ($/ton)	31.20	27.32							28.61				29.01	29.01

(A) Detail amounts may not add to totals shown due to rounding.
(B) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(D) Twelve months ended total reflects biomass data included with Coal prior to 2010.
(H) Twelve months ended December 2009 forward reflects a change for the correct placement of an inventory adjustment made in September 2009.
* Jun10 Allen fuel oil data reflects a physical inventory adjustment within the current month, affecting gallons consumed, MBTUs burned, and cost of inventory.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
June 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	$ -	$ -
	CONTRACT	165,585	15,758,230.62	95.17
	ADJUSTMENTS	-	982,580.12	-
	TOTAL	165,585	16,740,810.74	101.10
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	189,104	18,024,420.90	95.31
	ADJUSTMENTS	-	1,145,968.40	-
	TOTAL	189,104	19,170,389.30	101.37
BUCK	SPOT	-	-	-
	CONTRACT	36,311	3,278,538.80	90.29
	ADJUSTMENTS	-	77,156.34	-
	TOTAL	36,311	3,355,695.14	92.42
CLIFFSIDE	SPOT	10,511	739,518.78	70.36
	CONTRACT	33,444	3,082,487.23	92.17
	ADJUSTMENTS	-	280,140.45	-
	TOTAL	43,954	4,102,146.46	93.33
DAN RIVER	SPOT	-	-	-
	CONTRACT	18,067	1,767,634.72	97.84
	ADJUSTMENTS	-	74,848.15	-
	TOTAL	18,067	1,842,482.87	101.98
LEE	SPOT	-	-	-
	CONTRACT	17,807	1,886,189.59	105.92
	ADJUSTMENTS	-	146,076.39	-
	TOTAL	17,807	2,032,265.98	114.13
MARSHALL	SPOT	-	(14,248.83)	-
	CONTRACT	349,882	26,219,017.49	74.94
	ADJUSTMENTS	-	2,825,310.69	-
	TOTAL	349,882	29,030,079.35	82.97
RIVERBEND	SPOT	-	-	-
	CONTRACT	22,680	1,955,725.94	86.23
	ADJUSTMENTS	-	173,669.27	-
	TOTAL	22,680	2,129,395.21	93.89
ALL PLANTS	SPOT	10,511	725,269.95	69.00
	CONTRACT	832,879	71,972,245.29	86.41
	ADJUSTMENTS	-	5,705,749.81	-
	TOTAL	843,390	$ 78,403,265.05	$ 92.96

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
June 2010

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	7.74	11.96	11,895	0.96
Belews Creek	6.41	11.55	12,297	0.98
Buck	7.01	12.12	12,096	0.67
Cliffside	6.81	12.01	12,088	0.80
Dan River	6.03	10.99	12,405	0.85
Lee	6.70	11.03	12,356	0.83
Marshall	6.57	10.40	12,503	1.44
Riverbend	5.61	12.10	12,298	0.79

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
June 2010

Station	Allen	Belews Creek	Buck	Cliffside	Cliffside	Lee	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	Ray Thomas	HighTowers	High Towers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Spot	Contract	Contract	Contract
Sulfur Content %	0	0	0.03	0.02	0.02	0.01	0	0.01
Gallons Received	74,259	185,614	45,701	96,767	7,425	-	114,342	45,737
Total Delivered Cost	$ 162,297.19	$ 403,759.13	$ 100,036.15	$ 206,878.16	$ 16,705.73	$ 5,531.44	$ 251,484.30	$ 96,567.80
Delivered Cost/Gal	$ 2.19	$ 2.18	$ 2.19	$ 2.14	$ 2.25		$ 2.20	$ 2.11
BTU/Gallon	137,577	138,007	138,657	138,593	138,593	137,873	138,157	138,367

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

July,2009 - June,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,446,822	2,538	91.97	90.00
McGuire	17,739,730	2,200	92.05	88.80
Catawba	18,964,809	2,258	95.88	93.60

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July 2009 through June 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,640,720	1,110	88.86	94.31
Belews Creek 2	5,928,834	1,110	60.97	71.86

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July 2009 through June 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,513,409	562	51.05	66.69
Marshall 1	1,987,888	380	59.72	86.06
Marshall 2	1,887,438	380	56.70	84.56
Marshall 3	4,802,566	658	83.32	90.50
Marshall 4	4,886,245	660	84.51	92.04

Exhibit A

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
July 2009through June 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	531,263	164	37.04	95.81
Allen 2	418,644	164	29.18	94.52
Allen 3	1,171,538	263	50.79	92.12
Allen 4	1,287,232	278	52.79	90.66
Allen 5	1,188,088	268	50.54	95.92
Buck 3	27,758	75	4.22	98.32
Buck 4	13,700	38	4.12	98.47
Buck 5	367,617	128	32.79	95.29
Buck 6	389,103	128	34.70	90.49
Cliffside 1	5,987	38	1.80	96.73
Cliffside 2	7,273	38	2.18	96.79
Cliffside 3	17,036	61	3.19	96.10
Cliffside 4	18,084	61	3.38	62.72
Dan River 1	47,790	67	8.14	94.19
Dan River 2	54,369	67	9.26	95.73
Dan River 3	255,684	142	20.55	90.98
Lee 1	151,092	103	16.79	92.21
Lee 2	156,490	100	17.86	91.63
Lee 3	490,717	170	32.95	92.77
Riverbend 4	153,581	94	18.65	96.44
Riverbend 5	142,797	94	17.34	96.69
Riverbend 6	328,521	133	28.20	92.67
Riverbend 7	343,274	133	29.46	91.01

Exhibit A

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
July,2009 through June,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-380	78	100.00
Buzzard Roost CT	-1,359	196	100.00
Dan River CT	-389	67	79.87
Lee CT	370	82	98.95
Lincoln CT	14,179	1,264	99.71
Mill Creek CT	10,624	592	99.67
Riverbend CT	-969	92	82.34
Rockingham CT	234,720	825	92.39

Duke Energy Carolinas

Power Plant Performance

12 Months Ended June 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	66,482	23.000	97.17
Cedar Creek	174,963	45.000	98.47
Cowans Ford	195,267	325.000	98.30
Dearborn	161,508	42.000	97.67
Fishing Creek	174,393	49.000	97.36
Gaston Shoals	14,388	4.600	48.09
Great Falls	14,065	24.000	45.17
Keowee	84,362	157.500	97.14
Lookout Shoals	101,188	27.000	90.78
Mountain Island	139,131	62.000	97.20
Ninety Nine Island	78,328	18.000	59.80
Oxford	123,655	40.000	98.89
Rhodhiss	74,334	30.500	97.23
Rocky Creek	(905)	28.000	-
Tuxedo	18,041	6.400	64.53
Wateree	263,544	85.000	93.32
Wylie	177,478	72.000	96.97
Nantahala	197,070	50.000	95.53
Queens Creek	4,892	1.440	95.44
Thorpe	101,038	19.700	96.03
Tuckasegee	8,721	2.500	93.96
Tennessee Creek	44,261	9.800	88.88
Bear Creek	37,521	9.450	95.82
Cedar Cliff	28,010	6.380	95.85
Mission	3,193	1.800	82.29
Franklin	(9)	1.040	75.21
Bryson	545	1.040	74.76
Dillsboro	-	0.230	50.00
Total Conventional	2,285,465		
Pumped Storage Plants			
Jocasee	999,030	730.000	84.11
Bad Creek	1,850,019	1,360.000	93.18
Total	2,849,049		
Less Energy for Pumping			
Jocasee	(1,158,894)		
Bad Creek	(2,334,270)		
Total	(3,493,164)		
Total Pumped Storage			
Jocassee	(159,864)		
Bad Creek	(484,251)		
Total	(644,115)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: June, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	05/30/2010-06/03/2010	57.48	UNSCHEDULED	2RC1 PRESSURIZER SPRAY VALVE REPAIRS	PRESSURIZER SPRAY VALVE LEAKING PAST VALVE SEAT	VALVE WAS ISOLATED, DISASSEMBLED AND REPAIRED.
	3	None					
McGuire	1	06/12/2010-06/15/2010	79.30	UNSCHEDULED	CONTROL ROD "J13" DROPPED INTO CORE	MANUAL REACTOR/TURBINE GENERATOR TRIP DUE TO CONTROL ROD DROPPING INTO THE FULLY INSERTED POSITION.	COMPREHENSIVE TROUBLESHOOTING PLAN PERFORMED AND NO CAUSE WAS IDENTIFIED. ALL FAILURES WERE REFUTED OR COMPONMENTS REPLACED.
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

June 2010

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	6/17/2010 10:39:00 AM To 6/20/2010 1:19:00 AM	Unsch	3110	CONDENSER TUBE LEAKS	condenser tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	6/20/2010 9:33:00 AM To 6/20/2010 12:43:00 PM	Unsch	9910	MAINTENANCE PERSONNEL ERROR	loss of all fd fans, due to dc system control problems	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	6/20/2010 2:31:00 PM To 6/20/2010 8:10:00 PM	Unsch	4301	TURBINE GOVERNING SYSTEM	gov. valve control problems,#1 gov.had broken wire on the lvdt,causing a big swing	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
June, 2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	720		720		720	
(C1) Net Gen (MWH) and Capacity Factor	620141	101.81	562462	92.34	629145	103.29
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	249	0.04	1768	0.29	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	48628	7.98	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-11270	-1.85	-3738	-0.61	-20025	-3.29
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	609120	100.00 %	609120	100.00 %	609120	100.00 %
(I) Equivalent Availability		99.96		89.87		100.00
(J) Output Factor		101.81		100.35		103.29
(K) Heat Rate		10,170		10,084		10,028

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
June,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	690399	87.17	809116	102.16
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	87230	11.01	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	14371	1.82	-17116	-2.16
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	792000	100.00 %	792000	100.00 %
(I) Equivalent Availability		84.21		99.27
(J) Output Factor		97.96		102.16
(K) Heat Rate		10,294		10,271

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
June,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	824068	101.38	803223	98.81
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	377	0.05	595	0.07
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-11565	-1.43	9062	1.12
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	812880	100.00 %	812880	100.00 %
(I) Equivalent Availability		99.95		97.78
(J) Output Factor		101.38		98.81
(K) Heat Rate		10,148		10,185

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

June 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	772,030	661,629
(C1) Capacity Factor	96.60	82.79
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	722
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.09
(D2) Net mWh Not Generated due to Partial Scheduled Outages	1,020	0
(D2) Scheduled Derates: percent of Period Hrs	0.13	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	79,347
(E1) Forced Outages: percent of Period Hrs	0.00	9.93
(E2) Net mWh Not Generated due to Partial Forced Outages	10	3,596
(E2) Forced Derates: percent of Period Hrs	0.00	0.45
(F) Net mWh Not Generated due to Economic Dispatch	26,140	53,906
(F) Economic Dispatch: percent of Period Hrs	3.27	6.74
(G) Net mWh Possible in Period	799,200	799,200
(H) Equivalent Availability	99.87	89.53
(I) Output Factor (%)	96.60	92.00
(J) Heat Rate (BTU/NkWh)	9,140	9,285

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

June 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	720	720	720	720
(C1) Net Generation (mWh)	222,093	198,362	420,833	426,951
(D) Net mWh Possible in Period	273,600	273,600	473,760	475,200
(E) Equivalent Availability	99.08	87.98	99.72	99.36
(F) Output Factor (%)	81.17	82.20	88.83	89.85
(G) Capacity Factor	81.17	72.50	88.83	89.85

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

June 2010
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	720
(C1)	Net Generation (mWh)	177,893
(D)	Net mWh Possible in Period	404,640
(E)	Equivalent Availability	49.07
(F)	Output Factor (%)	82.04
(G)	Capacity Factor	43.96

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
July,2009 - June,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6320395	85.28	6717521	90.64	7408906	99.97
(D1) Net MWH Not Gen Due To Full Scheduled Outages	826500	11.15	715225	9.65	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	24326	0.33	5708	0.08	1474	0.02
(E1) Net MWH Not Gen Due To Full Forced Outages	329703	4.45	71005	0.96	169344	2.29
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-89964	-1.21	-98499	-1.33	-168764	-2.28
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		84.10		88.73		97.16
(J) Output Factor		101.05		101.40		102.31
(K) Heat Rate		10,225		10,143		10,068

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
July,2009 - June,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8761492	90.92	8978238	93.17
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	897600	9.32
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	32538	0.34	45815	0.48
(E1) Net MWH Not Gen Due To Full Forced Outages	181082	1.88	40128	0.42
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-236580	-2.45	-325781	-3.39
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		87.85		89.76
(J) Output Factor		102.38		103.22
(K) Heat Rate		10,222		10,151

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
July,2009 - June,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8830178	89.28	10134631	102.47
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1043975	10.56	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	29111	0.29	2267	0.02
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-160784	-1.62	-246858	-2.49
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		87.40		99.80
(J) Output Factor		101.51		102.47
(K) Heat Rate		10,070		10,022

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

July 2009 through June 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,640,720	5,928,834
(C1) Capacity Factor	88.86	60.97
(D1) Net mWh Not Generated due to Full Scheduled Outages	310,948	2,217,041
(D1) Scheduled Outages: percent of Period Hrs	3.20	22.80
(D2) Net mWh Not Generated due to Partial Scheduled Outages	23,286	16,538
(D2) Scheduled Derates: percent of Period Hrs	0.24	0.17
(E1) Net mWh Not Generated due to Full Forced Outages	160,727	453,676
(E1) Forced Outages: percent of Period Hrs	1.65	4.67
(E2) Net mWh Not Generated due to Partial Forced Outages	56,851	48,568
(E2) Forced Derates: percent of Period Hrs	0.58	0.50
(F) Net mWh Not Generated due to Economic Dispatch	531,069	1,058,943
(F) Economic Dispatch: percent of Period Hrs	5.46	10.89
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	94.31	71.86
(I) Output Factor (%)	93.39	84.76
(J) Heat Rate (BTU/NkWh)	9,194	9,606

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

July 2009 through June 2010

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	1,987,888	1,887,438	4,802,566	4,886,245
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	86.06	84.56	90.50	92.04
(F) Output Factor (%)	81.35	79.89	91.19	91.34
(G) Capacity Factor	59.72	56.70	83.32	84.51

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

July 2009 through June 2010

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	2,513,409
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	66.69
(F)	Output Factor (%)	82.04
(G)	Capacity Factor	51.05

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

June,2010

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	57.48	57.48
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	79.30	79.30
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

June 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	44.93	0.00	44.93
Allen 2	162	0.00	0.00	0.00
Allen 3	261	0.00	9.02	9.02
Allen 4	276	18.45	1.82	20.27
Allen 5	266	3.70	60.15	63.85
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	0.65	71.48	72.13
Buck 5	128	145.52	10.32	155.83
Buck 6	128	29.68	0.00	29.68
Cliffside 5	562	0.00	334.17	334.17
Dan River 3	142	36.75	71.72	108.47
Lee 1	100	0.00	28.47	28.47
Lee 2	100	0.00	30.85	30.85
Lee 3	170	0.00	40.97	40.97
Marshall 1	380	0.00	0.00	0.00
Marshall 2	380	0.00	84.93	84.93
Marshall 3	658	0.00	0.00	0.00
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	24.15	24.15
Riverbend 7	133	0.00	26.02	26.02
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	1.22	1.22
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	3.25	3.25
Rockingham CT5	165	0.00	1.03	1.03